

Grade 7 – Strand: Operational Sense

Stephanie, Adele, Justin

Pre-Knowledge What do you need to know to start learning this concept?	Concept	Future Concepts What future concepts can you learn once you understand this concept?	Real World Connection How does learning this connect connect to the real world in a meaningful?
<ul style="list-style-type: none"> • Understand fractions • Whole numbers • Division 	<ul style="list-style-type: none"> • divide whole numbers by simple fractions 	<ul style="list-style-type: none"> • Solving for x • Proportion/ratios 	<ul style="list-style-type: none"> • How much pizza does everyone get • Money • Nursing Med Math
<ul style="list-style-type: none"> • Whole numbers • Decimals • Division • Rounding • Place values 	<ul style="list-style-type: none"> • Divide whole numbers by decimal numbers to hundredths 	<ul style="list-style-type: none"> • Solving for x • Proportion/ratios • 	<ul style="list-style-type: none"> • Money • Nursing Med Math
<ul style="list-style-type: none"> • Multiplication • Division • Addition • Subtraction • Brackets • BEDMAS • Exponents • Sign rules 	<ul style="list-style-type: none"> • distributive property 	<ul style="list-style-type: none"> • High school math (trig, data management, physics) • Completing the square • Sets and logic • Word problems • Factoring 	<ul style="list-style-type: none"> • Real world physics • Video games • Modeling/Simulations • Accounting • Business • Marketing • Biology • Chemistry
<ul style="list-style-type: none"> • Multiplication • Division • Addition • Subtraction • Brackets • BEDMAS • Exponents • Sign rules 	<ul style="list-style-type: none"> • commutative property 	<ul style="list-style-type: none"> • High school math (trig, data management, physics) • Completing the square • Sets and logic • Word problems • Factoring 	<ul style="list-style-type: none"> • Real world physics • Video games • Modeling/Simulations • Accounting • Business • Marketing • Biology • Chemistry